

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bateman *et al.* Conf. No.: 3842  
Serial No.: 10/699,035 Examiner: Haddad, M.M.  
Filed: October 31, 2003 Group Art Unit: 1644  
For: A MOLECULAR MARKER

**RESPONSE PURSUANT TO 37 C.F.R. §1.116**

March 21, 2007

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA, 22313-1450

Sir:

Applicants submit this Response Pursuant to 37 C.F.R. § 1.116 to the final Office Action mailed December 21, 2006 from the United States Patent and Trademark Office in connection with the above-identified patent application. The three-month date for filing this response is March 21, 2007; thus, this Response is timely filed.

**Amendments to the Claims** begin on page 2 of this Response.

**Remarks** begin on page 4 of this Response.